S98P1020
仮図

FIG. 1

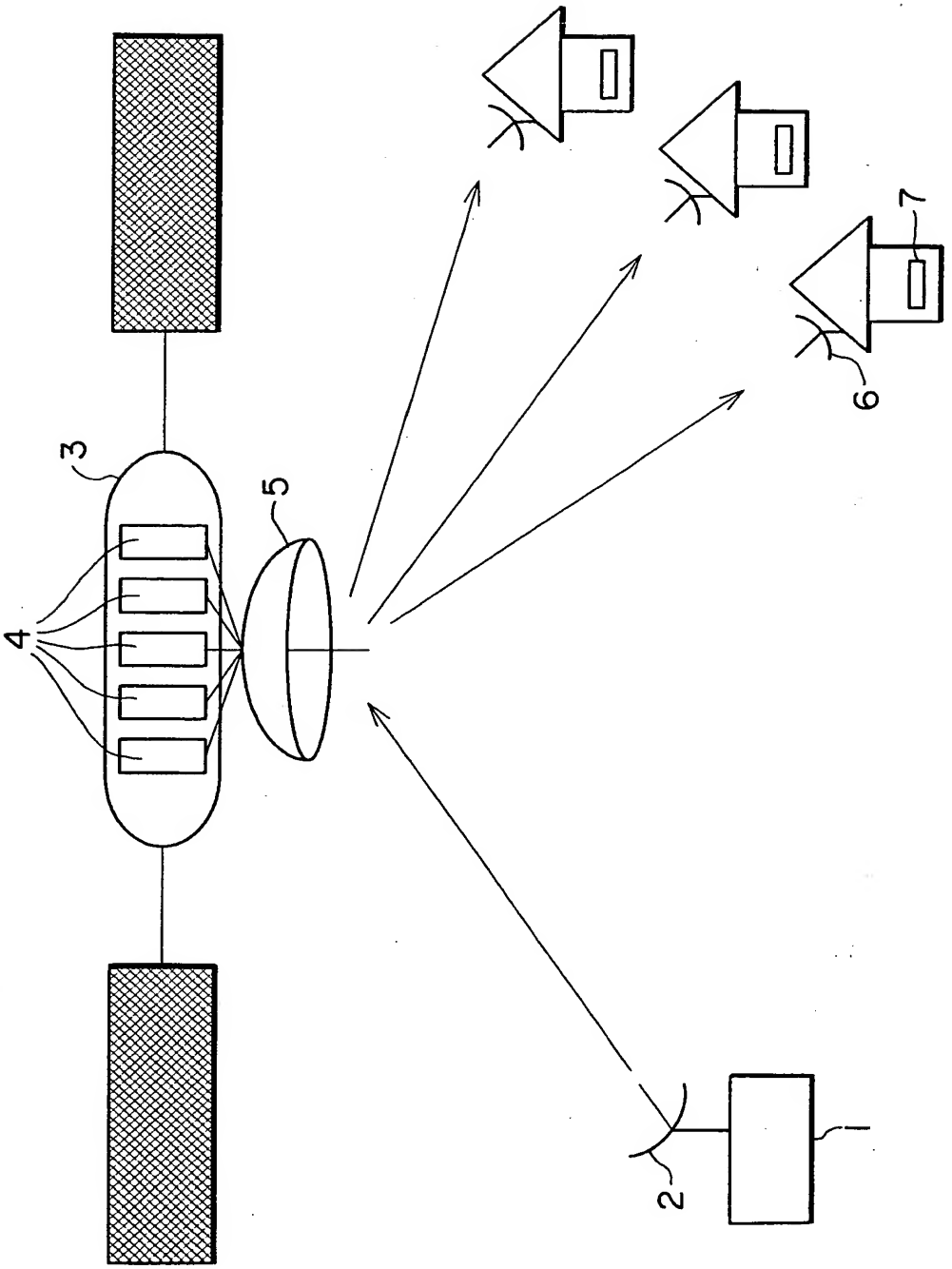

FIG. 2

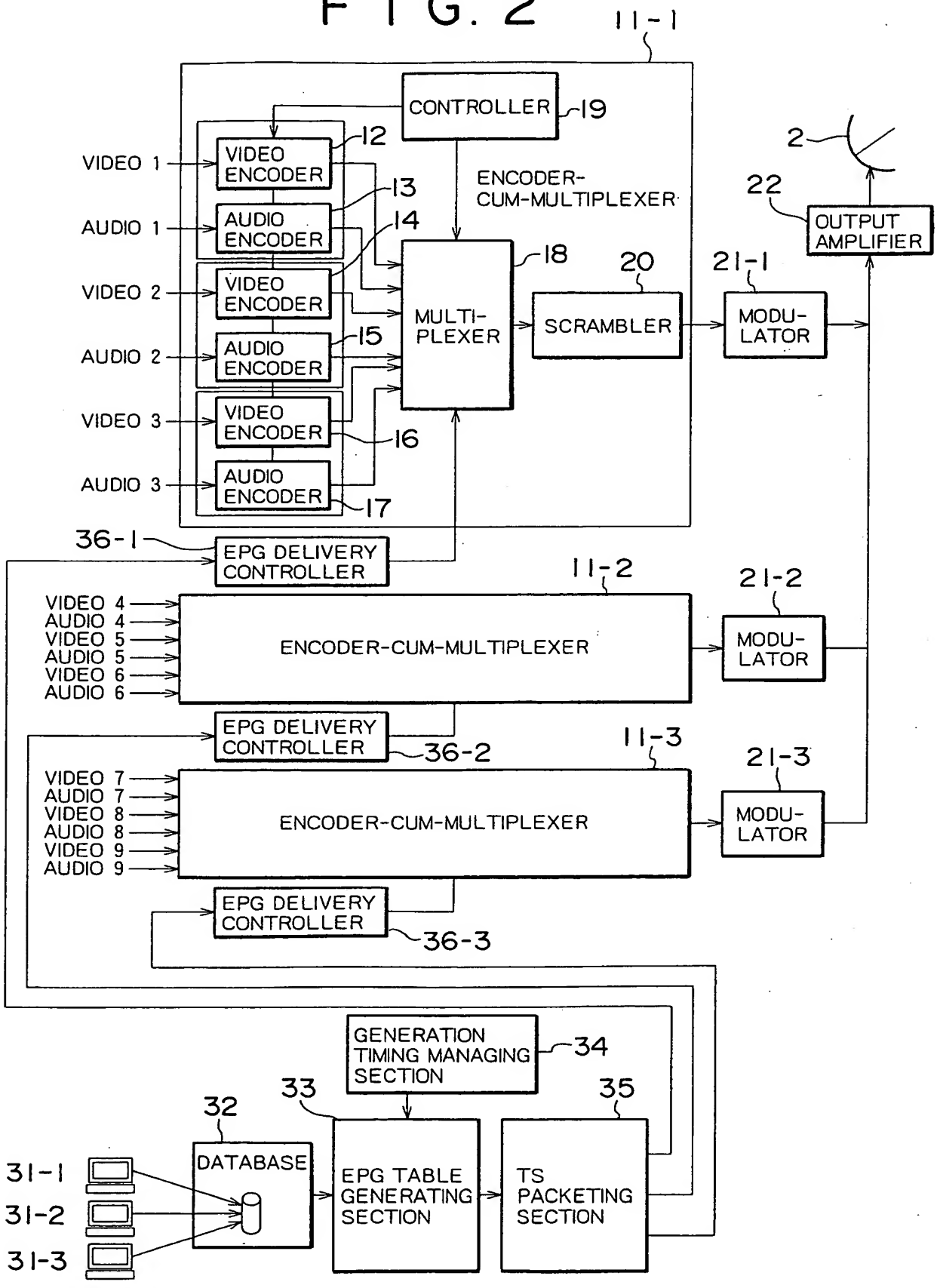
11-1
CONTROLLER
19
12
VIDEO 1
VIDEO ENCODER
13
AUDIO 1
AUDIO ENCODER
14
VIDEO 2
VIDEO ENCODER
AUDIO 2
AUDIO ENCODER
15
VIDEO 3
VIDEO ENCODER
16
AUDIO 3
AUDIO ENCODER
17
ENCODER-CUM-MULTIPLEXER
18
MULTI-PLEXER
20
SCRAMBLER
21-1
MODU-LATOR
2
22
OUTPUT AMPLIFIER
36-1
EPG DELIVERY CONTROLLER
11-2
VIDEO 4
AUDIO 4
VIDEO 5
AUDIO 5
VIDEO 6
AUDIO 6
ENCODER-CUM-MULTIPLEXER
21-2
MODU-LATOR
EPG DELIVERY CONTROLLER
36-2
11-3
VIDEO 7
AUDIO 7
VIDEO 8
AUDIO 8
VIDEO 9
AUDIO 9
ENCODER-CUM-MULTIPLEXER
21-3
MODU-LATOR
EPG DELIVERY CONTROLLER
36-3
GENERATION TIMING MANAGING SECTION
34
33
35
32
DATABASE
31-1
31-2
31-3
EPG TABLE GENERATING SECTION
TS PACKETING SECTION

FIG. 3

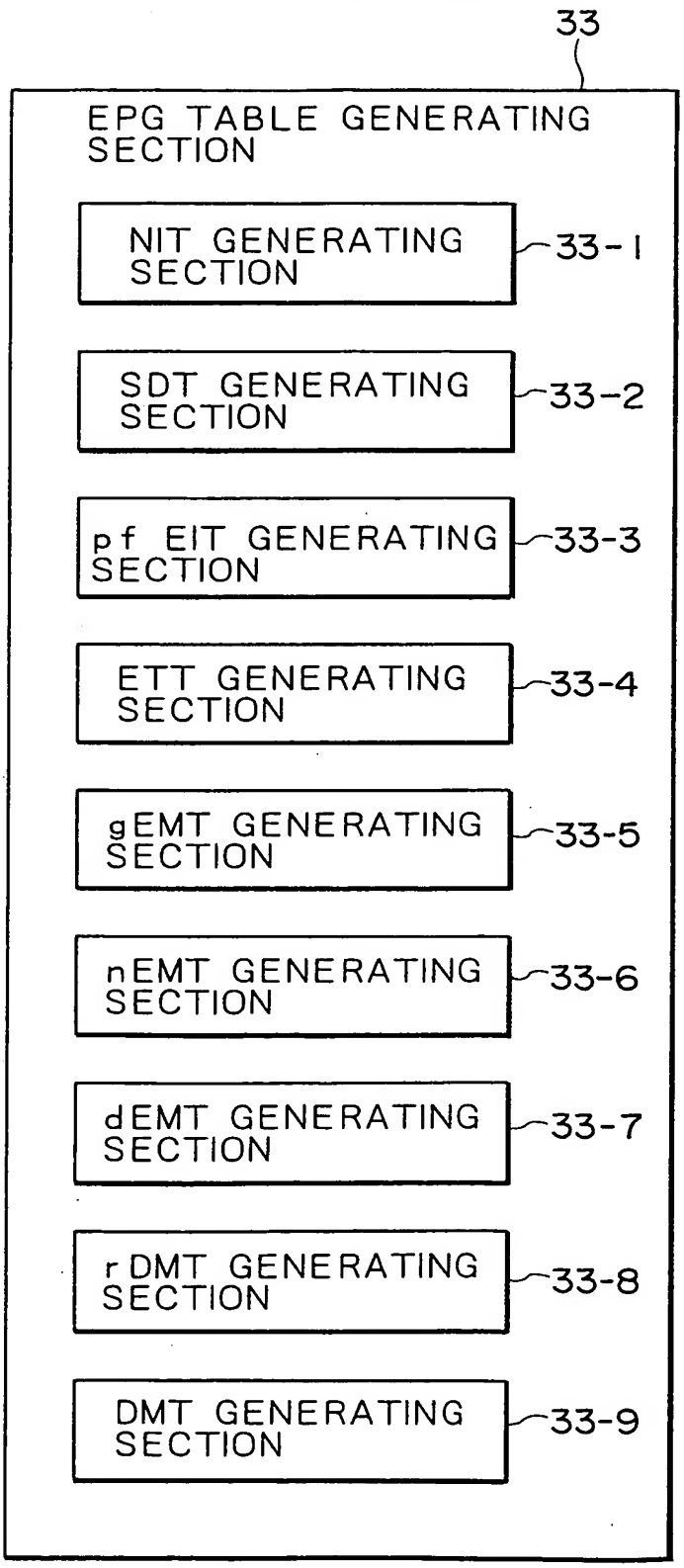
33
EPG TABLE GENERATING SECTION
NIT GENERATING SECTION
33-1
SDT GENERATING SECTION
33-2
pf EIT GENERATING SECTION
33-3
ETT GENERATING SECTION
33-4
gEMT GENERATING SECTION
33-5
nEMT GENERATING SECTION
33-6
dEMT GENERATING SECTION
33-7
rDMT GENERATING SECTION
33-8
DMT GENERATING SECTION
33-9

FIG. 4

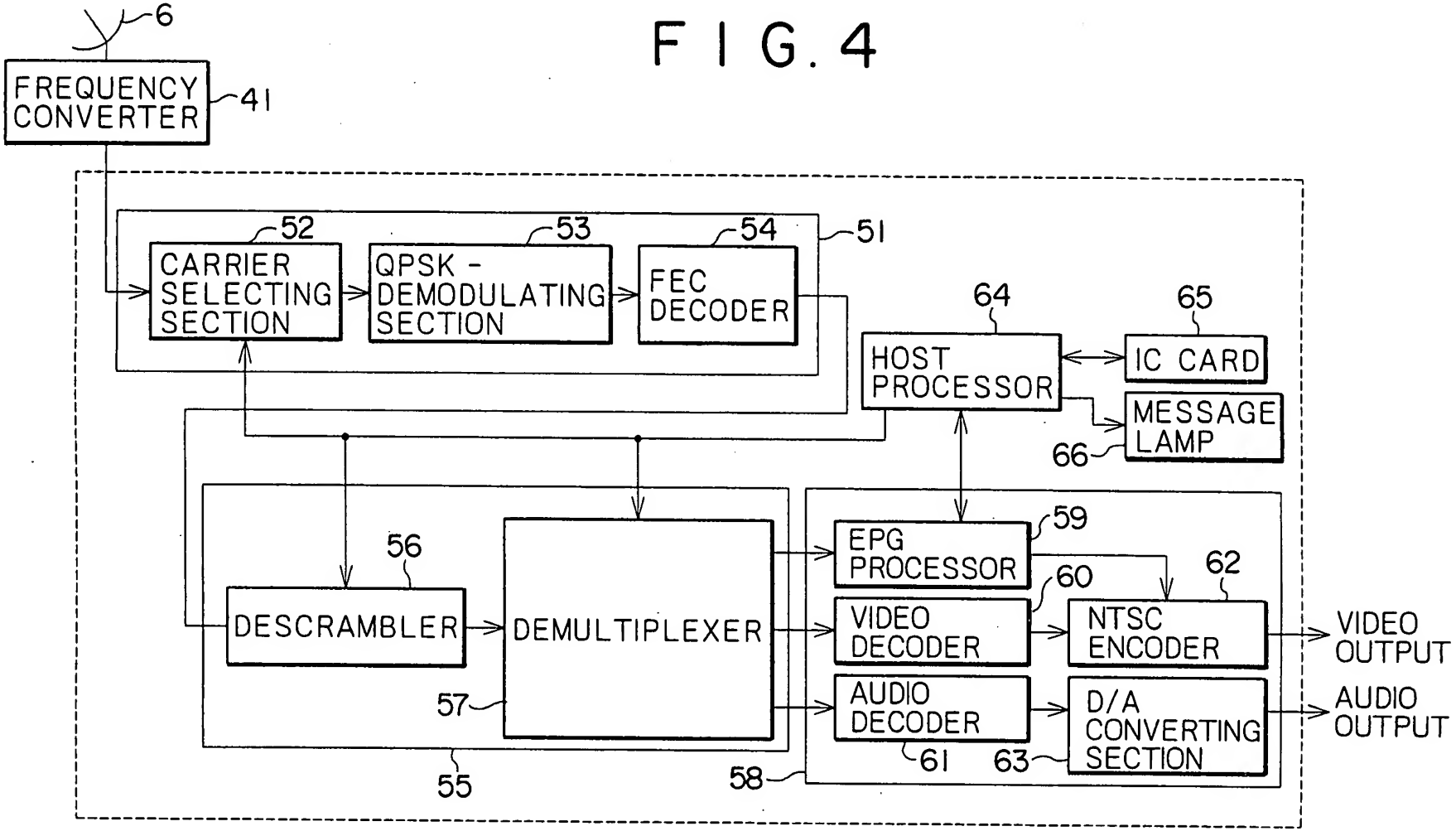
6
FREQUENCY CONVERTER
41
52
CARRIER SELECTING SECTION
53
QPSK - DEMODULATING SECTION
54
FEC DECODER
51
64
HOST PROCESSOR
65
IC CARD
MESSAGE LAMP
66
56
DESCRAMBLER
DEMULTIPLEXER
57
55
59
EPG PROCESSOR
60
VIDEO DECODER
62
NTSC ENCODER
VIDEO OUTPUT
AUDIO DECODER
61
D/A CONVERTING SECTION
63
AUDIO OUTPUT
58

FIG. 5

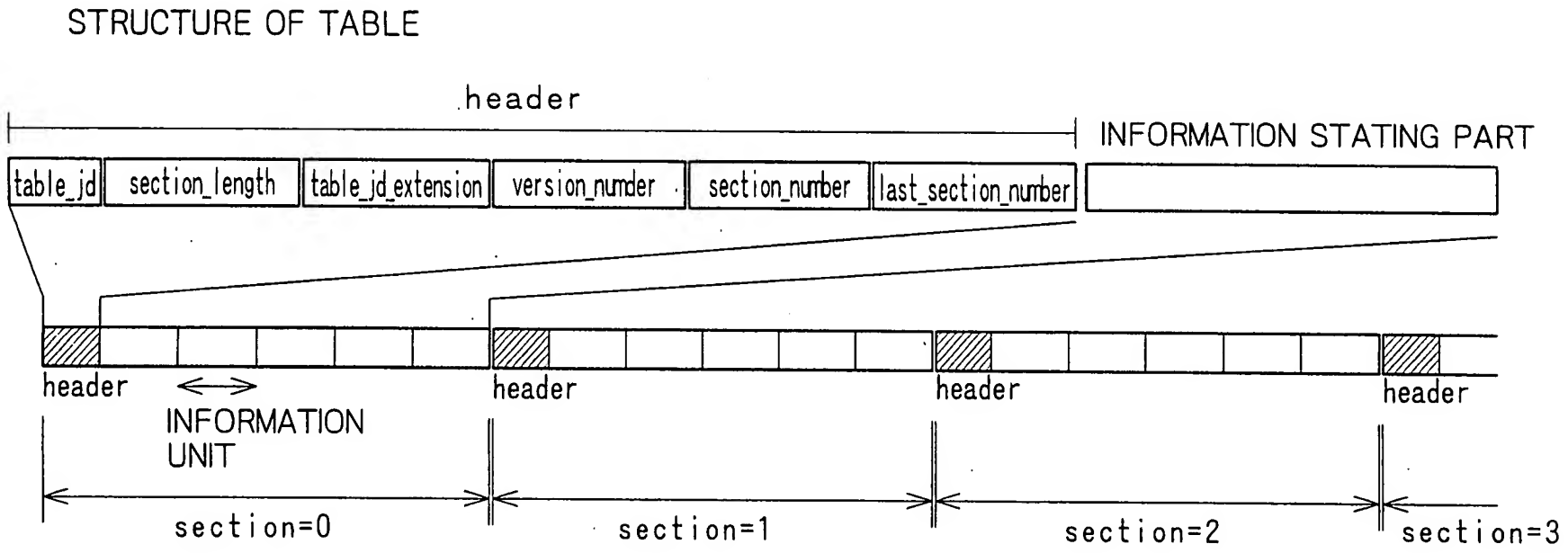
STRUCTURE OF TABLE
header
INFORMATION STATING PART
table_jd
section_length
table_jd_extension
version_number
section_number
last_section_number
header
header
header
header
INFORMATION UNIT
section=0
section=1
section=2
section=3

FIG. 6

TABLE CONFIGURATION IMAGE OF EPG

NIT (OVERALL CONFIGURATION OF THE NETWORK AND NECESSARY INFORMATION FOR RECEPTION ARE STATED. THERE IS ONE IN THE NETWORK.)

SDT (SERVICE INFORMATION IS STATED. THERE IS ONE IN EACH STREAM.)

pfEIT (INFORMATION ON THE CURRENT PROGRAM AND THE NEXT PROGRAM IS STATED. THERE IS ONE ON EACH CHANNEL.)

ETT (THE "event_id" AND THE BROADCAST START TIME OF EVERY PROGRAM AND THE SECTION NUMBER OF THE gEMT IN WHICH INFORMATION IS WRITTEN ARE STATED.)

gEMT (OTHER EVENT INFORMATION THAT NVOD IS STATED. THERE IS ONE IN EVERY DUMMY SERVICE OF N VOD CHANNELS.)

nEMT (INFORMATION ON EVENTS OF NVOD IS STATED. THERE IS ONE IN EVERY DUMMY SERVICE OF NVOD CHANNELS.)

dEMT (OUTLINE DOCUMENTS OF EVENTS ARE STATED. THERE IS ONE IN EVERY DUMMY SERVICE.)

rDMT (INDEXES OF MESSAGES ARE STATED.)

DMT (MESSAGES ARE STATED.)

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FIG. 7

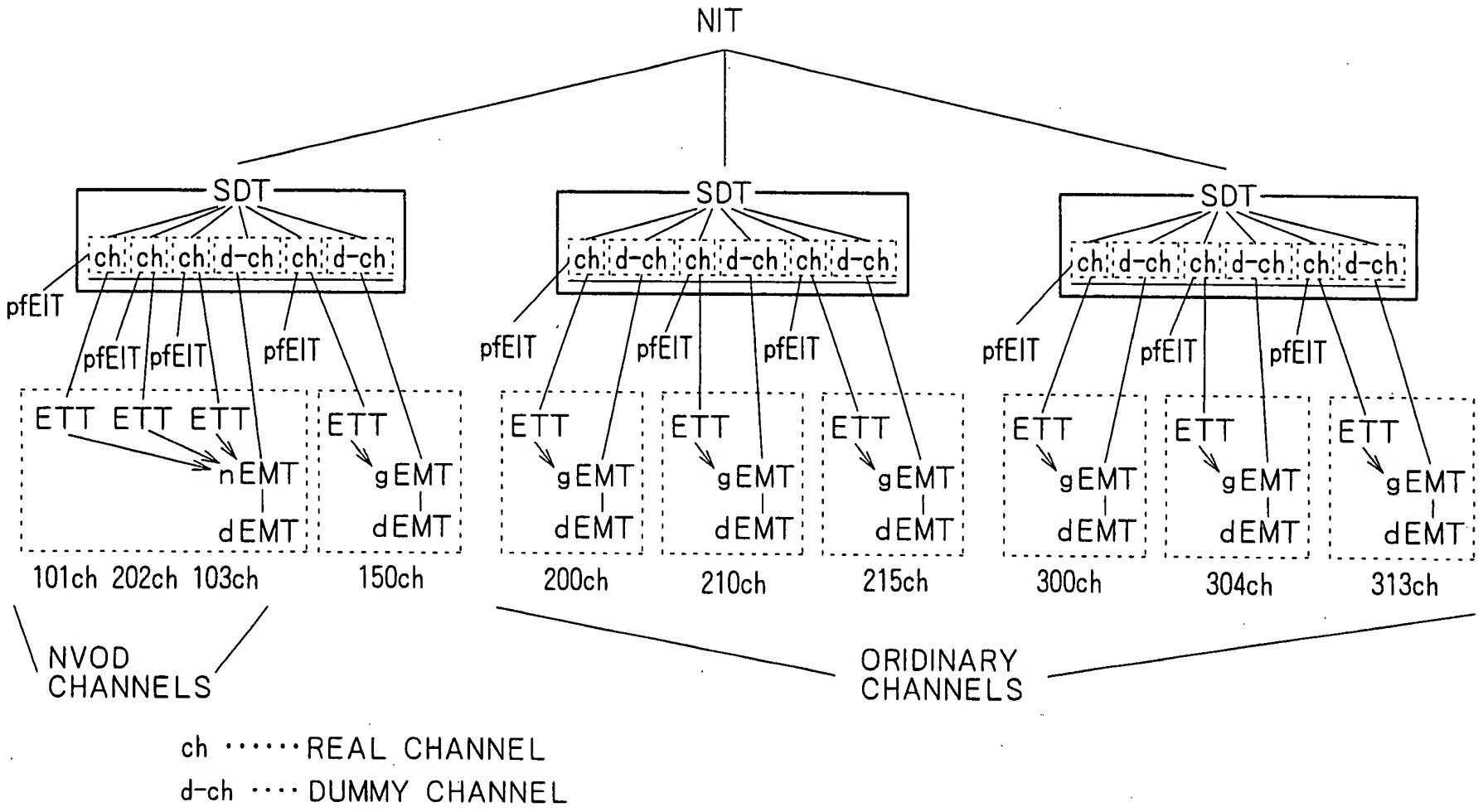
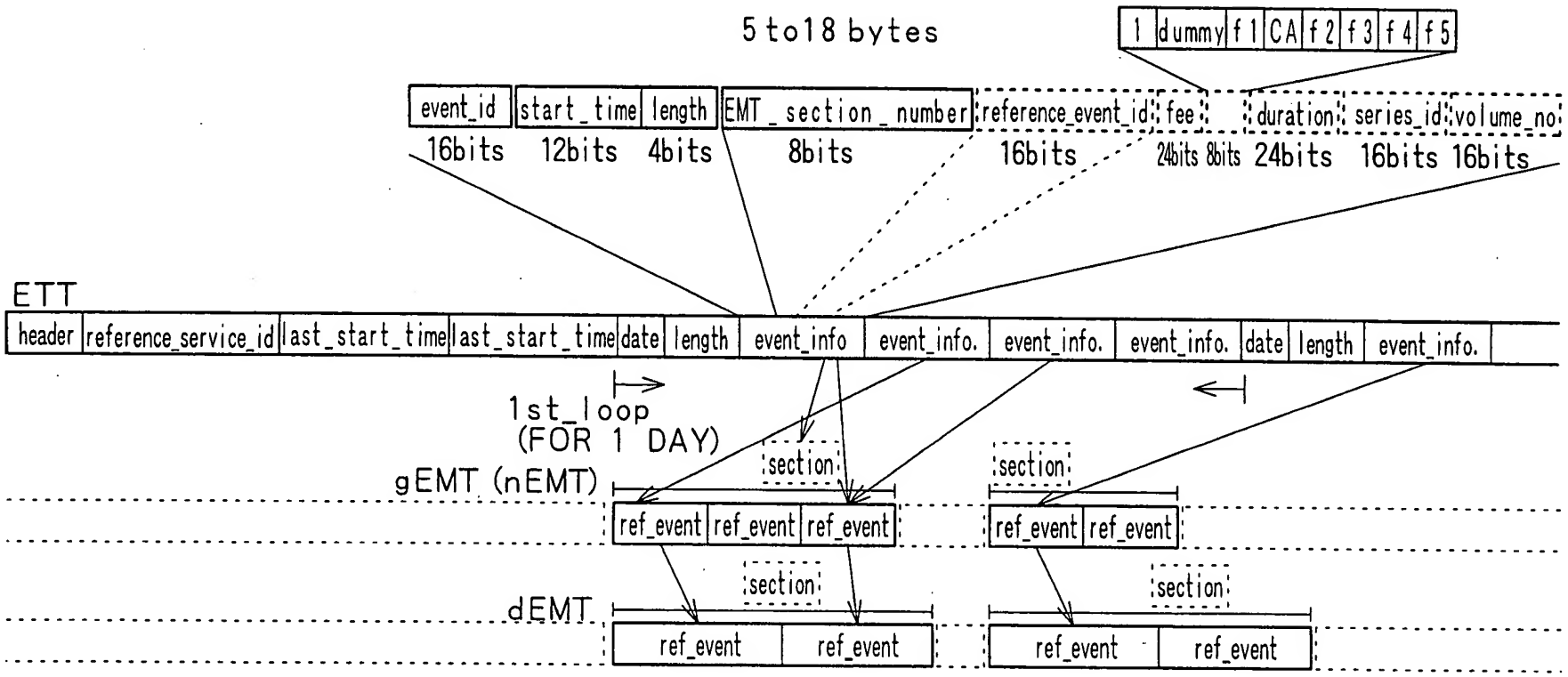

NIT
SDT
SDT
SDT
ch ch ch d-ch ch d-ch
ch d-ch ch d-ch ch d-ch
ch d-ch ch d-ch ch d-ch
pfEIT
pfEIT pfEIT
pfEIT
pfEIT
pfEIT
pfEIT
pfEIT
pfEIT
pfEIT
pfEIT
ETT ETT ETT
nEMT
dEMT
ETT
gEMT
dEMT
ETT
gEMT
dEMT
ETT
gEMT
dEMT
ETT
gEMT
dEMT
ETT
gEMT
dEMT
ETT
gEMT
dEMT
ETT
gEMT
dEMT
101ch 202ch 103ch
150ch
200ch
210ch
215ch
300ch
304ch
313ch
NVOD CHANNELS
ORIDINARY CHANNELS
ch ·····REAL CHANNEL
d-ch ····DUMMY CHANNEL

FIG.8



CONFIGURATION OF SCHEDULE TABLE

FIG. 9A

1ST INSTALLMENT

TITLE: THE STORY OF A LOVE AFFAIR (1)

INTRODUCTORY MESSAGE:
IN 8 INSTALLMENTS. A WORK COMICALLY EXPRESSING THE MOVES OF A YOUNG WOMAN'S EMOTION. WHAT WILL BE THE OUTCOME OF HER LOVE?
THE MAN WHO HAS SUDDENLY APPEARED BEFORE YUKIE···

FIG. 9B

2ST INSTALLMENT

TITLE: THE STORY OF A LOVE AFFAIR (2)

INTRODUCTORY MESSAGE:
IN 8 INSTALLMENTS. A WORK COMICALLY EXPRESSING THE MOVES OF A TOUNG WOMAN'S EMOTION. WHAT WILL BE THE OUTCOME OF HER LOVE?
YUKIE SUDDENLY MEETS HIM AGAIN. THEN YUKIE ...

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FIG. 10

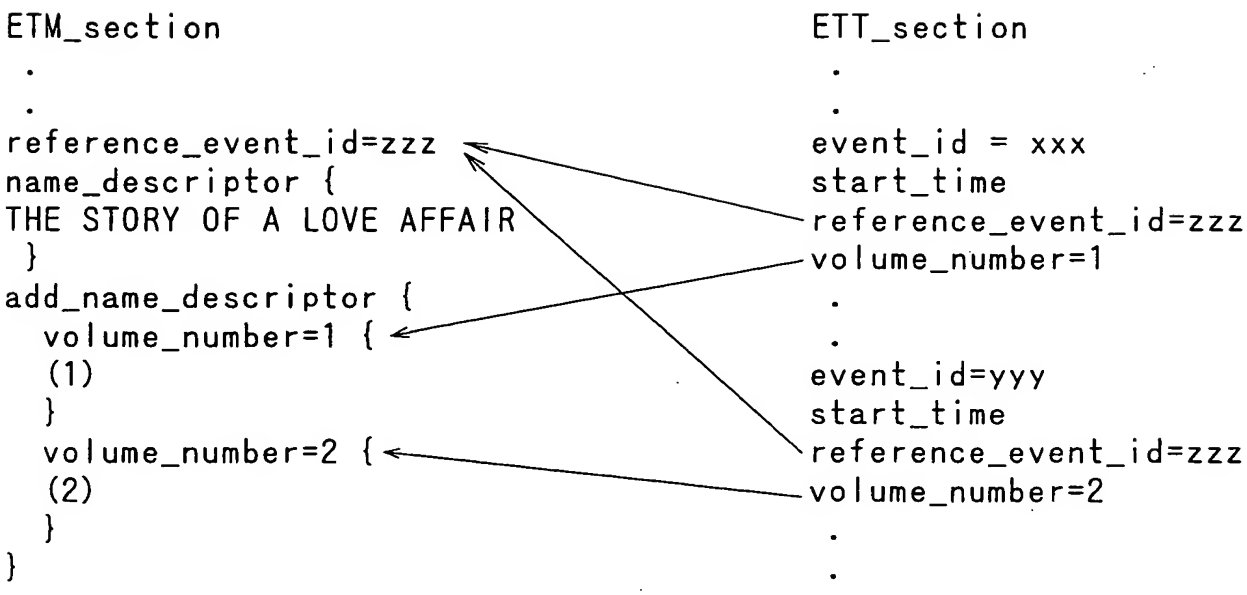

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FIG. 11

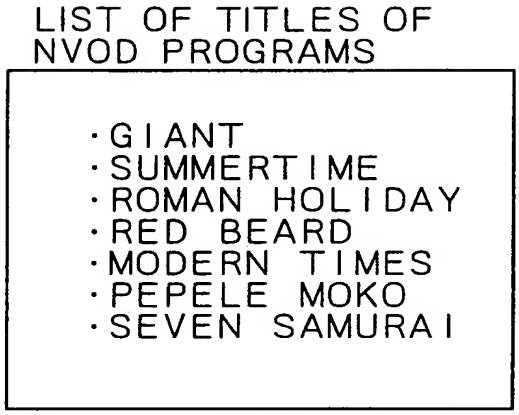


FIG. 12

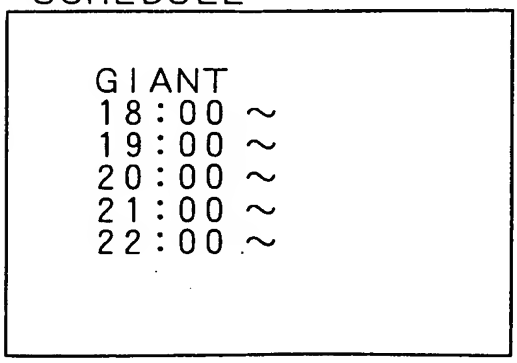
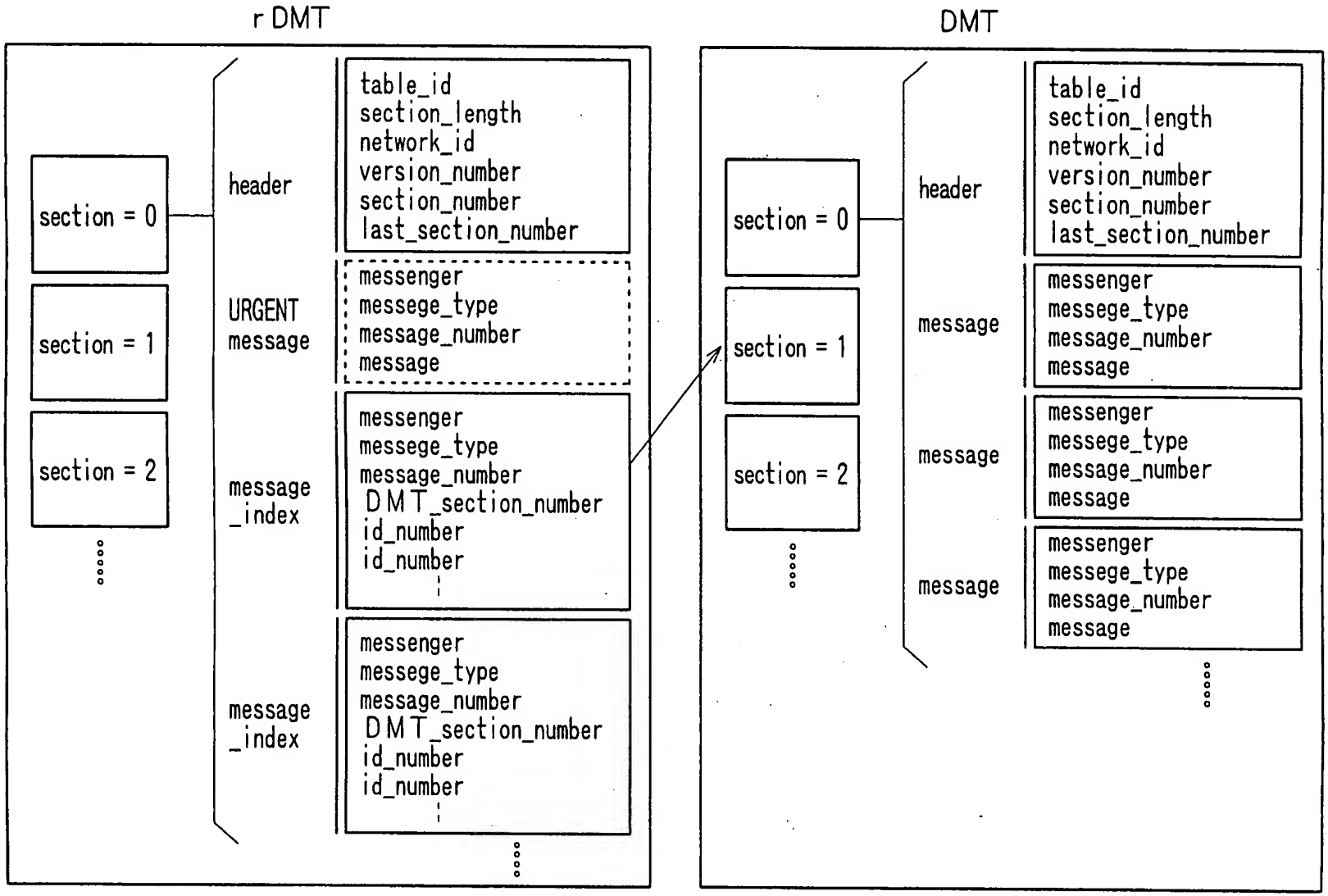
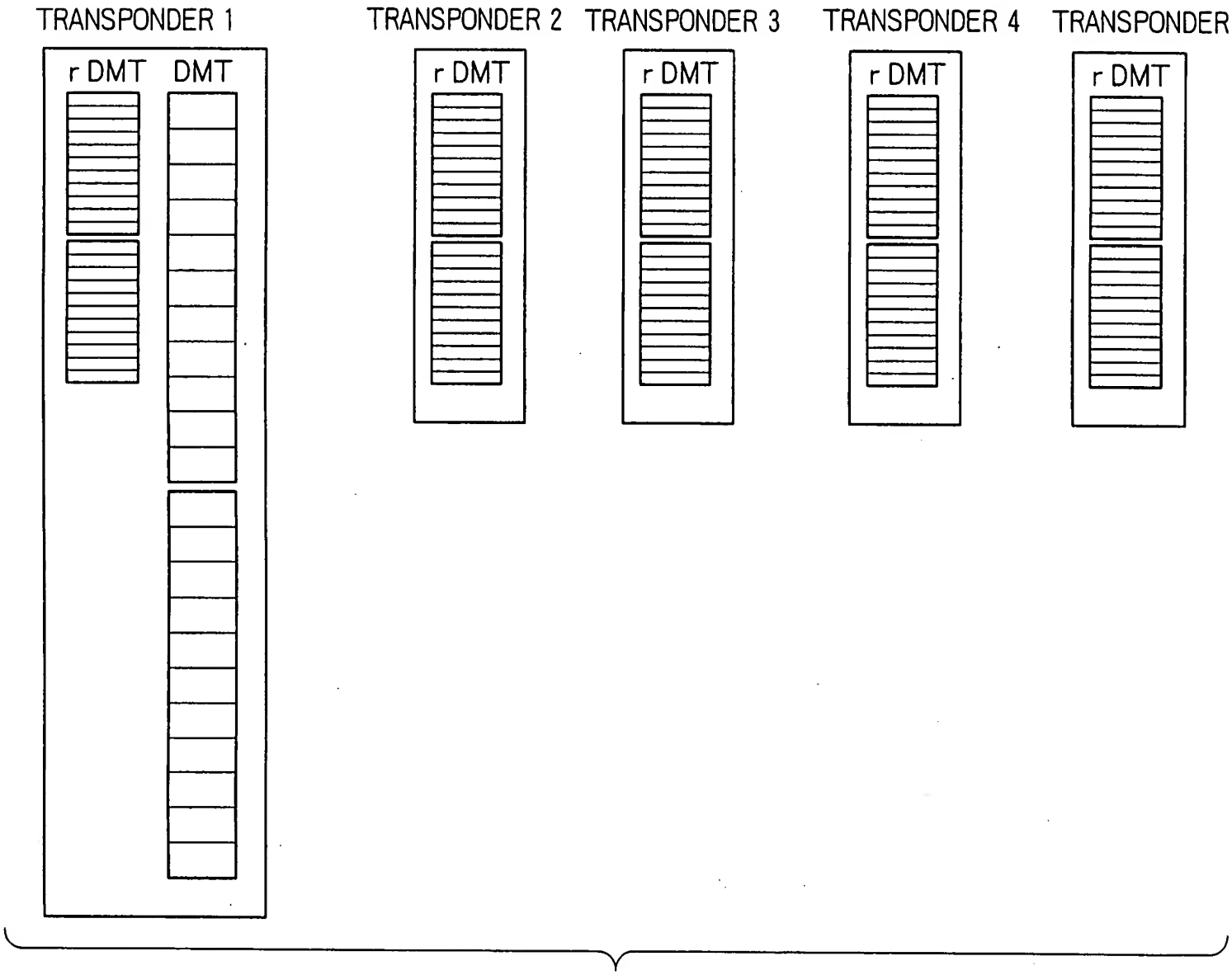


FIG. 13


r DMT
section = 0
section = 1
section = 2
header
URGENT message
message _index
message _index
table_id
section_length
network_id
version_number
section_number
last_section_number
messenger
messege_type
message_number
message
messenger
messege_type
message_number
DMT_section_number
id_number
id_number
messenger
messege_type
message_number
DMT_section_number
id_number
id_number
DMT
section = 0
section = 1
section = 2
header
message
message
message
table_id
section_length
network_id
version_number
section_number
last_section_number
messenger
messege_type
message_number
message
messenger
messege_type
message_number
message
messenger
messege_type
message_number
message

86h780" 042h6760

FIG. 14



86TB0" 0/24E60

FIG. 15

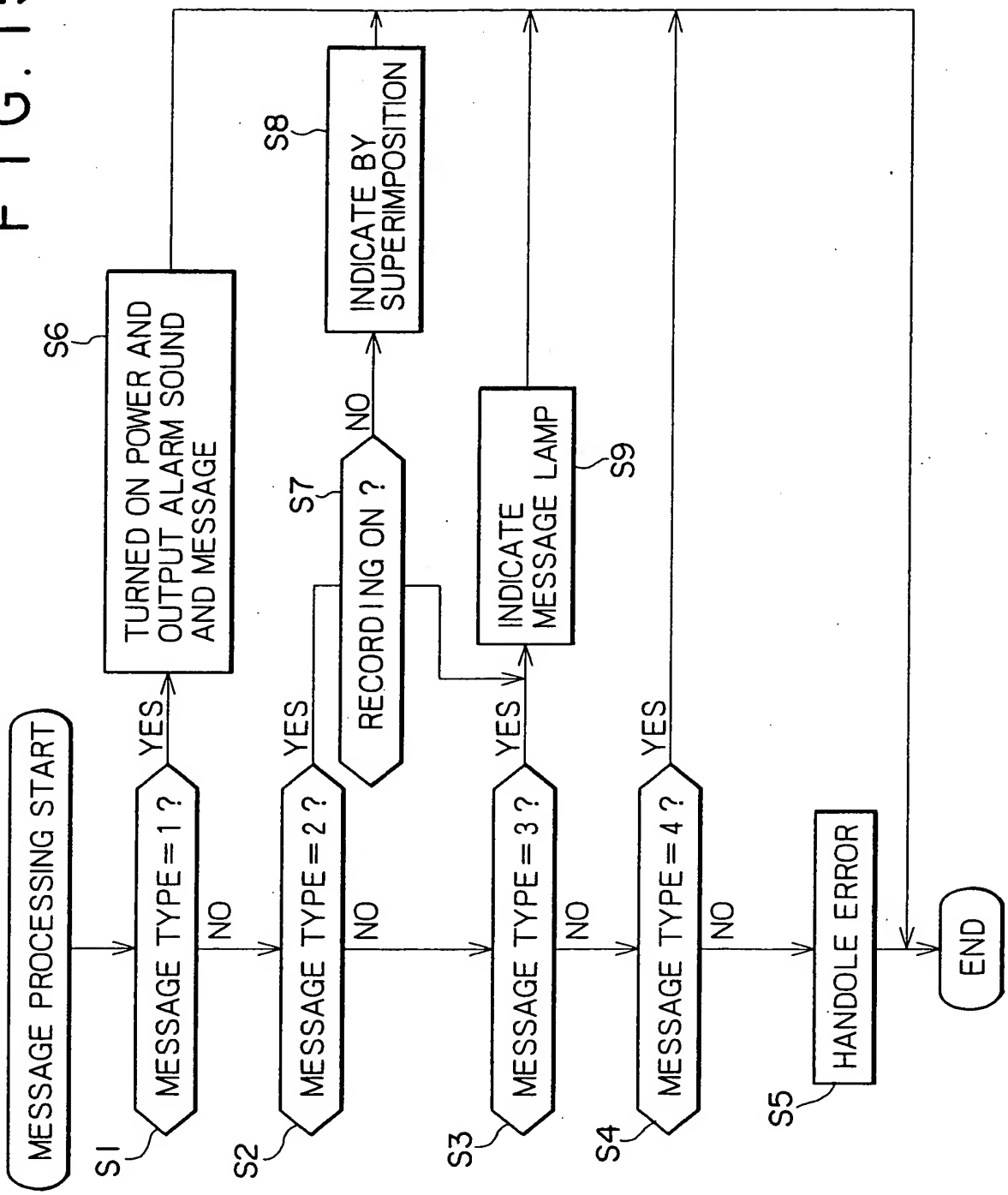
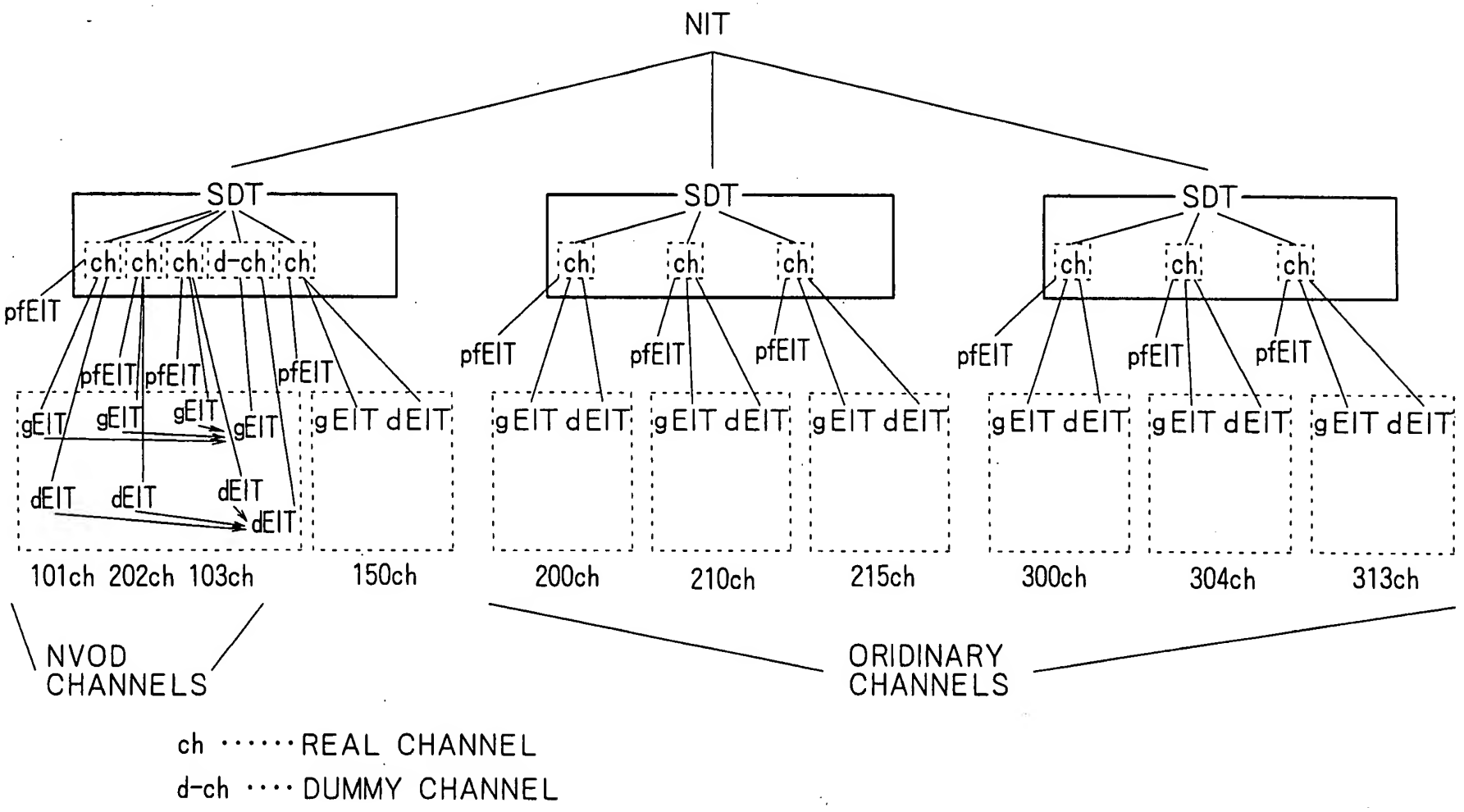


FIG. 16


NIT
SDT
SDT
SDT
ch
d-ch
pfEIT
gEIT
dEIT
gEIT dEIT
101ch
202ch
103ch
150ch
200ch
210ch
215ch
300ch
304ch
313ch
NVOD CHANNELS
ORIDINARY CHANNELS
ch ·····REAL CHANNEL
d-ch ····DUMMY CHANNEL